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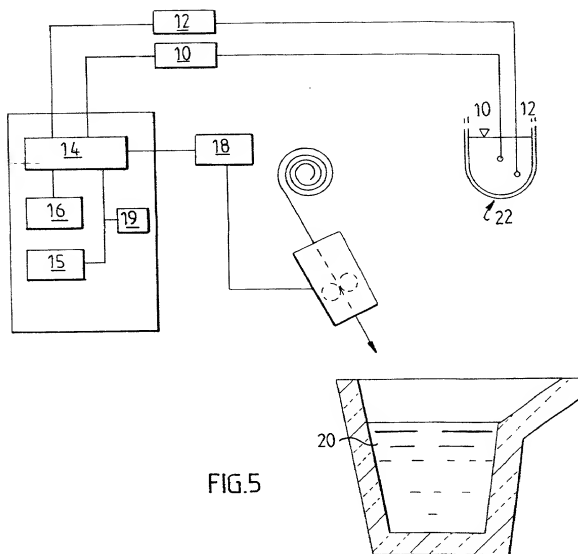


FIG.5

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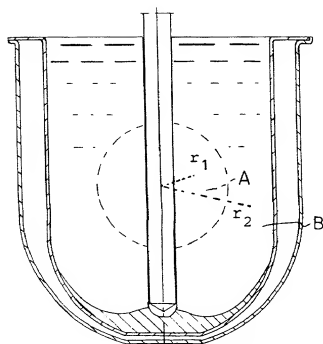


FIG.6

FOR UTILITY/DESIGN
CIP/PCT NATIONAL/PATENT
ORIGINAL/SUBSTITUTE/SUPPLEMENTAL
DECLARATIONS

RULE 93 (37 C.F.R. 1.53)
DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CUSHMAN
FORM

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED MODIFIED FOR DETERMINING THE NEEDED AMOUNT OF STRUCTURE MOVING/AGENT TO BE ADDED TO CAST IRON

the specification of which (CHECK applicable BOXES)
-> [] is attached hereto.
-> [X] was filed on 24 June 2003 as U.S. Application No. 09/868,062
X(ES) -> [X] was filed as PCT International Application No. PCT/SE99/02392 on 16 December 1999
-> [] and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.54. I hereby claim foreign priority benefit under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

Prior Foreign Application(s) Number	Country	Date/MONTH/Year Filed	Date first laid-open or Published	Date Patented or Granted	Priority Claimed Yes No
9804419-1	Sweden	18 December 1998			

I hereby claim domestic priority benefit under 35 U.S.C. 120/365 of the indicated United States applications listed below and PCT international applications referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.54. I hereby claim foreign priority benefit under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

Prior U.S. Provisional, Nonprovisional and/or PCT Application(s) Application No. (series code/serial no.)	Date/MONTH/Year Filed	Status pending, abandoned, patented	Priority Claimed Yes No

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Cushman, Darby & Cushman, L.L.P., 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 561-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented until I instruct Cushman Darby & Cushman in writing to the contrary.

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G. Lloyd Knight	17658	Donald J. Bird	25323	Paul E. White, Jr.	32011	James D. Berquist	34776
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William K. West, Jr.	22057	Dale S. Lazar	28972	Robert A. Molan	28634	Stephen C. Glazier, P.C.	31561
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FOR ADDITIONAL INVENTORS, check box [] and attach sheet (CDC-116.3) for same information for each signature, name, date, citizenship, residence and address.)